

FIG 1

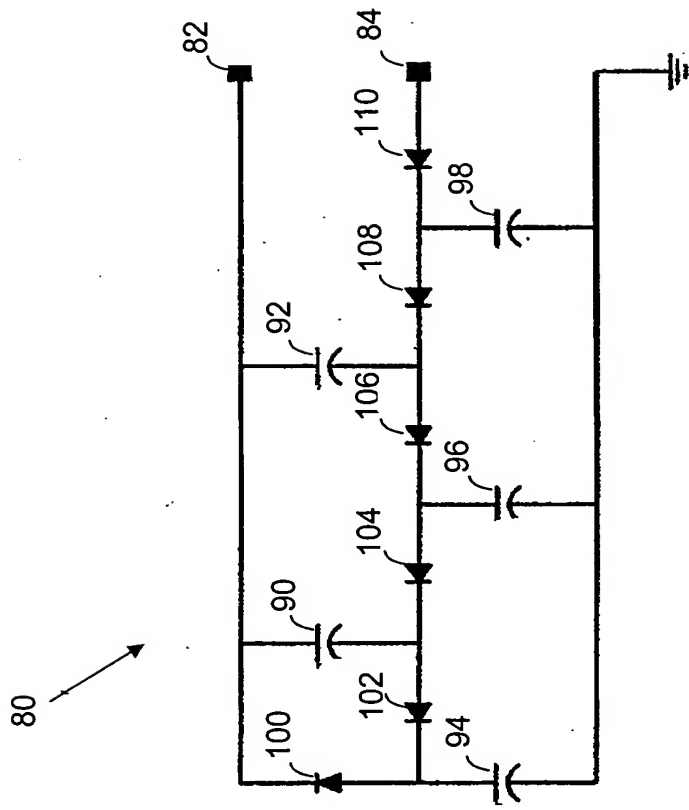


FIG 2

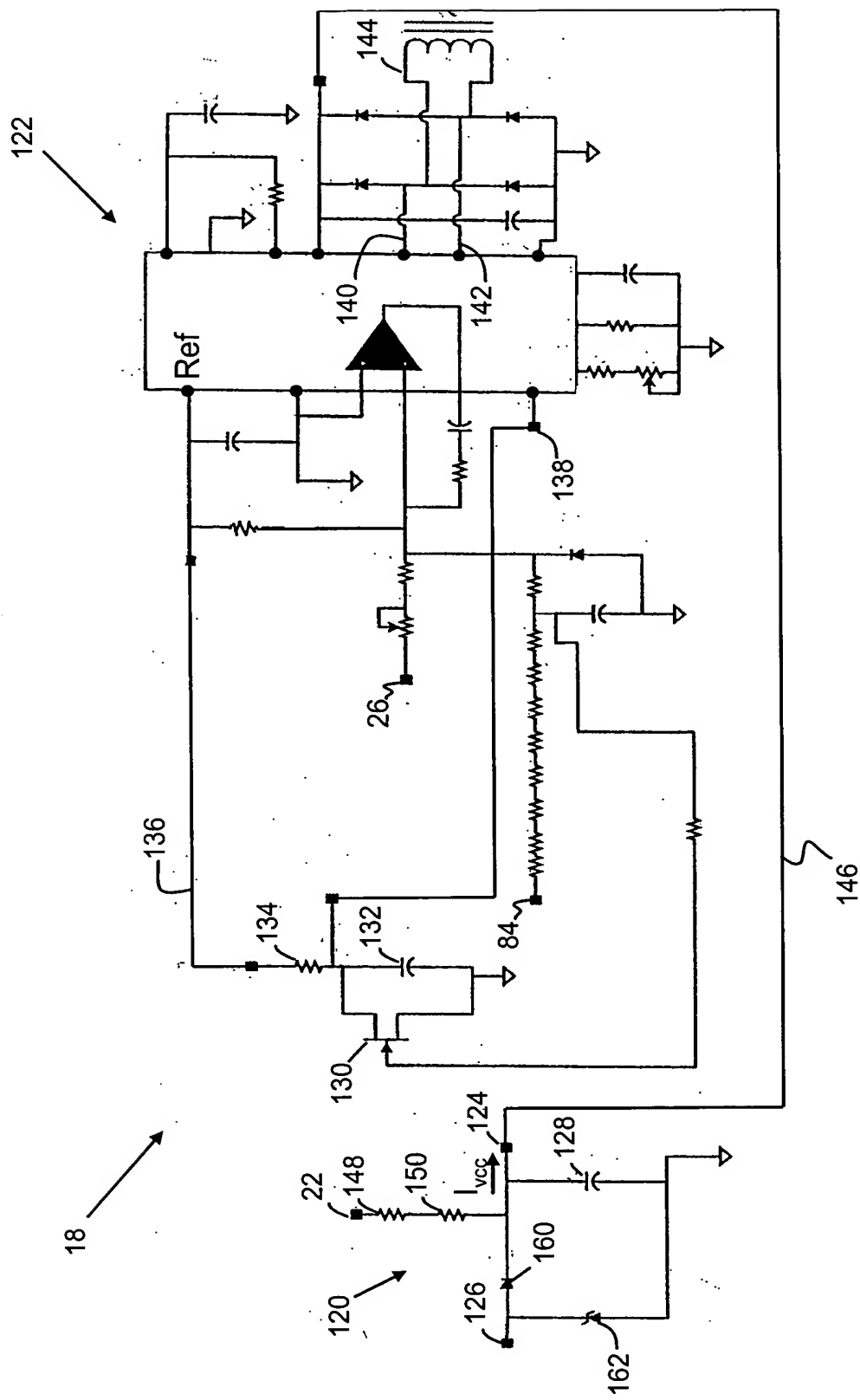


FIG 3

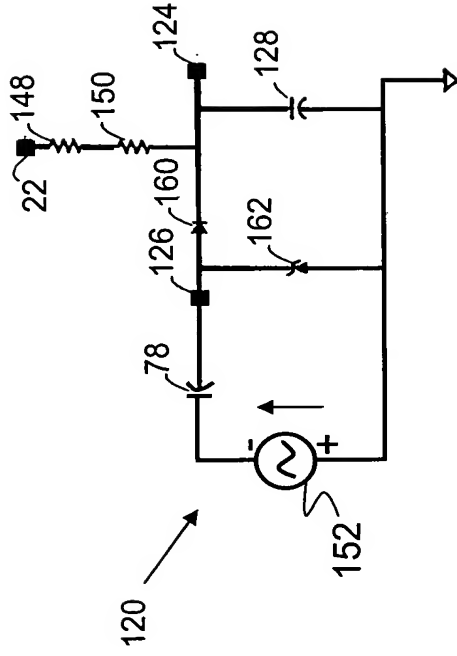


FIG 4A

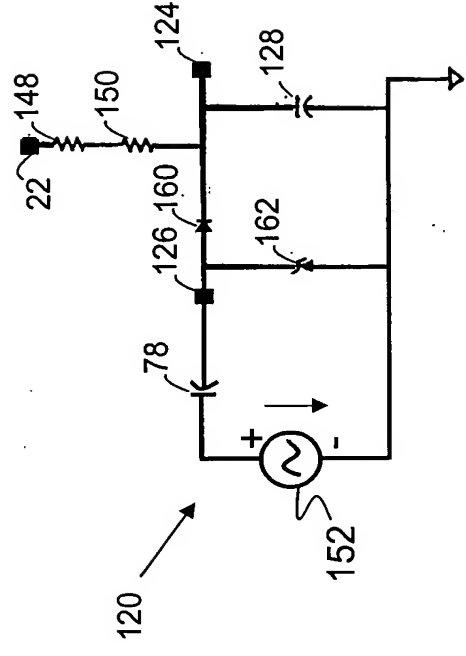
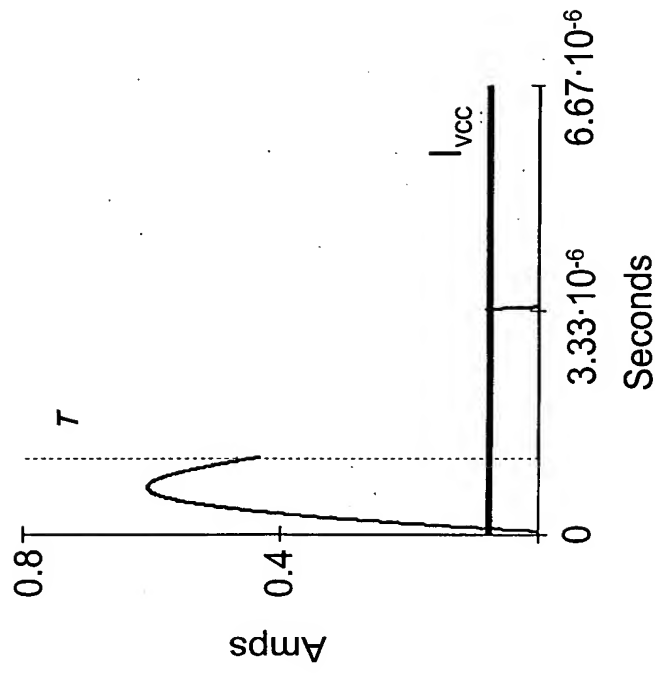
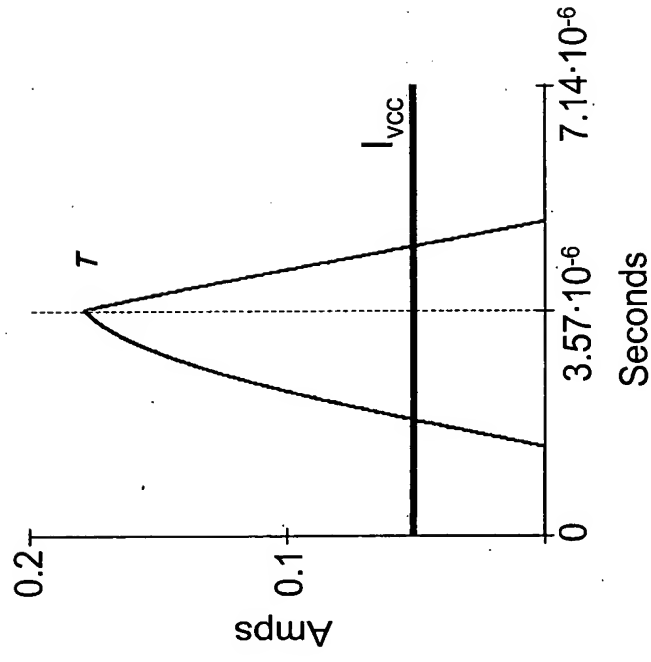


FIG 4B



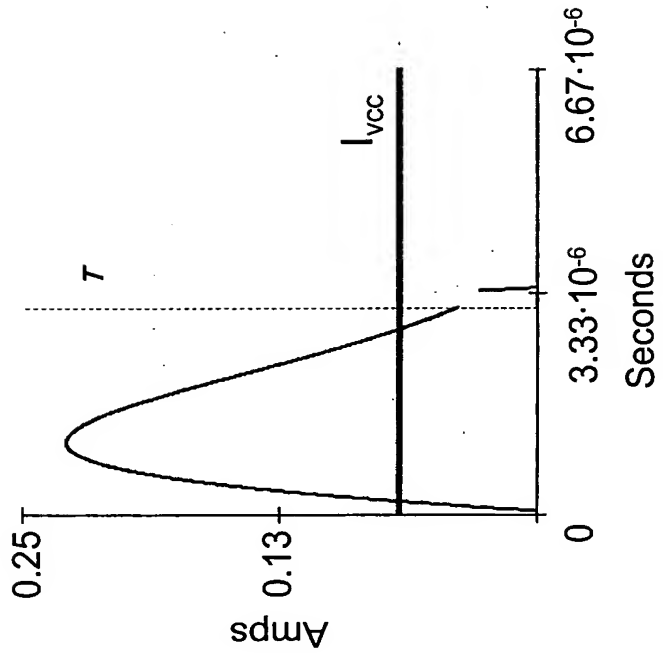
Current flowing into charge pump circuit and control circuit under nearly open circuit.
Average value $I_{VCC} = 0.077A$.

FIG 5



Current flowing into charge pump circuit and control circuit when the lamp is initially lit.
Average value $I_{vcc} = 0.051A$.

FIG 6



Current flowing into charge pump circuit and control circuit under steady state.
Average value $I_{VCC} = 0.068A$.

FIG 7